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# TPH2 Rabbit pAb

货号: **AYP15480**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	56kDa
实测分子量	54-56kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,SH-SY5Y,Mouse brain,Rat brain
细胞定位	cytosol,neuron projection
纯化	Affinity purification

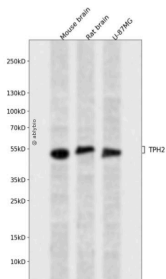
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TPH2 (NP_775489.2).
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## 靶点信息

研究背景	This gene encodes a member of the pterin-dependent aromatic acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene may be associated with psychiatric diseases such as bipolar affective disorder and major depression.
基因ID	121278
基因名	TPH2
Swiss	Q8IWU9 ( <a href="https://www.uniprot.org/uniprotkb/Q8IWU9/entry">https://www.uniprot.org/uniprotkb/Q8IWU9/entry</a> )
别名	TPH2,ADHD7,NTPH,TPH2 Rabbit pAb,Neuronal tryptophan hydroxylase,Tryptophan 5-monoxygenase 2

## 产品验证



Western blot analysis of TPH2 expressed in Mouse brain,Rat brain,U-87MG using TPH2 Rabbit pAb at 1:10 00. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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